

Amendments to the Claims:

Claims 13 to 16 and 21 to 24 are amended and claims 25 to 30 are added as set forth hereinafter.

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1 to 12 (Cancelled).

13. (Currently Amended) A transponder arrangement for mounting on an inner wall surface of a tire, the transponder arrangement comprising:

a substrate;

5 a transponder including a transponder chip and a transponder antenna embedded in said substrate;

~~a strip of material fixedly connected to said inner wall surface over only a portion of said strip; and,~~

10 a strip of material having first and second longitudinal ends;

said strip of material being subdivided into a first portion defining said first longitudinal end and a second portion defining said second longitudinal end;

15 said first portion being fixedly connected to said inner wall surface of said tire;

said second portion of said strip having a predetermined

length and being clear of and unattached to said inner wall
surface over all of said predetermined length; and,
20 said substrate being releasably connected to said second
 portion of said strip.

14. (Currently Amended) The transponder arrangement of
claim 13, wherein said substrate has an upper side and a
clear-through opening formed therein; and, said second portion of
said strip passes through said clear-through opening from below
5 said substrate and is releasably connected to said substrate via
said opening at said upper side thereof.

15. (Currently Amended) The transponder arrangement of
claim 14, wherein said substrate has fixing means projecting
therefrom from said upper side for releasably attaching said
second portion of said strip to said substrate.

16. (Currently Amended) The transponder arrangement of
claim 15, wherein said second portion of said strip has an
opening aperture formed therein for fixing said second portion of
said strip to said fixing means.

17. (Previously Presented) The transponder arrangement of
claim 14, wherein said substrate opening has a rectangular shape
and has rounded or beveled edges.

18. (Previously Presented) The transponder arrangement of
claim 14, wherein said material strip is made of a rubber

product.

19. (Previously Presented) The transponder arrangement of claim 14, wherein said substrate lies exclusively on said material strip.

20. (Previously Presented) The transponder arrangement of claim 14, wherein said substrate has a rounded form on the side facing toward the inner side of the tire.

21. (Currently Amended) The transponder arrangement of claim 14, wherein said material first portion of said strip is applied to the inner side of the tire in advance of tire vulcanization.

22. (Currently Amended) The transponder arrangement of claim 14, wherein, after tire vulcanization, the material said first portion of said strip is applied to the inner side of the completed tire via a cold vulcanization.

23. (Currently Amended) A tire comprising:
said tire having a tire wall defining an inner wall surface;
a transponder arrangement including a substrate;
a transponder including a transponder chip and a transponder
5 antenna embedded in said substrate;
~~a strip of material fixedly connected to said inner wall~~
~~surface over only a portion of said strip; and,~~
~~a strip of material having first and second longitudinal~~

ends;

10 said strip of material being subdivided into a first portion
defining said first longitudinal end and a second portion
defining said second longitudinal end;
 said first portion being fixedly connected to said inner
wall surface of said tire;
15 said second portion of said strip having a predetermined
length and being clear of and unattached to said inner wall
surface over all of said predetermined length; and,
 said substrate being releasably connected only to said
second portion of said strip.

24. (Currently Amended) The tire of claim 23, wherein said substrate has ~~an opening~~ an upper side and a slot formed therein; and, said second portion of said strip passes through said slot from below said substrate and is releasably connected to said substrate via said opening at said upper side thereof.

25. (New) A transponder arrangement for mounting on an inner wall surface of a tire, the transponder arrangement comprising:
 a substrate having an upper surface and a lower surface defining a predetermined area;
5 a transponder including a transponder chip and a transponder antenna embedded in said substrate;
 a strip of material having first and second longitudinal ends and an overall area corresponding at least to said predetermined area of said substrate;
10 said strip having a first portion defining said first

longitudinal end and a second portion defining said second longitudinal end;

 said second portion having a middle tab so as to have leg segments on respective sides thereof;

15 said first portion and said leg segments of said second portion being fixedly connected to said inner wall surface of said tire;

 said middle tab being clear of and unattached to said inner wall surface of said tire;

20 said substrate having a clear-through opening formed therein through which said middle tab passes from below said substrate; and,

 said middle tab being releasably connected to said substrate at said upper surface thereof so as to enable said substrate to 25 lie on said first portion and said leg segments thereby avoiding a direct contact of said substrate with said inner wall surface of said tire.

26. (New) The transponder arrangement of claim 25, wherein said opening is a slot formed in said substrate and said substrate is connected only to said middle tab.

27. (New) The transponder arrangement of claim 26, further comprising fixing means projecting from said upper surface of said substrate for releasably attaching said middle tab to said substrate.

28. (New) The transponder arrangement of claim 27, wherein said

middle tab has an aperture formed therein for fixing said middle tab to said fixing means.

29. (New) The transponder arrangement of claim 25, wherein said substrate opening has a rectangular shape and has rounded or beveled edges.

30. (New) The transponder arrangement of claim 25, wherein said strip of material is made of a rubber product.